

## State of Vermont

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~~January 7, 2002~~

*April 12, 2002*

Mr. George Frunzi  
Pizzagalli Properties  
50 Joy Drive  
South Burlington, Vermont 05403

RE: Site Management Activity Completed at the Pizzagalli Construction Warehouse  
72 San Remo Drive, South Burlington, Vermont  
(SMS # 98-2353)

Dear Mr. Frunzi:

The Sites Management Section (SMS) has completed a file review, for the above referenced site, referencing the contamination discovered during the removal of one (1) 1,000 gallon waste oil underground storage tank (UST) at the Pizzagalli Construction Warehouse, South Burlington, Vermont. With this information the SMS can now make the following determination:


- On January 13, 1998, petroleum contaminated soils were discovered during the removal of a 1,000 gallon waste oil underground storage tank (UST).
- Screened soils from the UST excavation had concentrations ranging up to 19 parts per million (ppm), as measured by a photoionization detector (PID). Three one yard Haz-Mat boxes of petroleum contaminated soils were removed from the excavation and stockpiled onsite. The soils were removed for proper disposal on April 20, 1998.
- On January 13, 1998, one soil sample was collected from beneath the tank and submitted for laboratory analysis. The sample was analyzed for Total Petroleum Hydrocarbons (TPH) via EPA Method 8100 and TCLP metals, and TCLP volatiles via EPA Method 8240. All volatile organics included in EPA Method 8240 and all RCRA regulated metals were below laboratory detectable limits. TPH concentrations were reported at a level of 4870 mg/kg.
- Groundwater was encountered at a depth of approximately 6.0 feet in the UST excavation. No sheens or free product were observed on the groundwater. No bedrock was reported to a depth of 6.0 feet below ground surface in the excavation.
- In a letter dated May 8, 1998, the SMS requested that additional work be performed to further define the degree and extent of the contamination to the soils and groundwater at the site.
- In a letter dated July 7, 1998, the SMS approved the installation of one monitoring well in the center of the former UST excavation. The SMS requested that soil and groundwater samples be collected and analyzed for volatile organic compounds (VOCs) via EPA Method 8260 and TPH via EPA Method 8100.
- On November 11, 1998, a single soil boring/ monitoring well was advanced in the former UST area. Groundwater and soil samples were collected and submitted for laboratory analysis for VOCs and TPH via EPA Methods 8021B and 8100, respectively.

- The sample analytical report, dated December 12, 1998, indicated that significant levels of VOCs and TPH remained in the soils. VOC concentrations in the groundwater were reported to be below the State of Vermont Primary Groundwater Quality Enforcement Standards. TPH concentrations of 3,800 ppm in the soil sample collected at 3 to 4 feet below the ground surface exceeded the SMS guideline level of 1,000 ppm.
- In a letter dated February 8, 2001, the SMS requested that an additional groundwater sample be collected from MW-1 and analyzed using EPA Methods 8260 and 8100M.
- On June 20, 2001, a groundwater sample from MW-1 was collected and submitted for laboratory analysis. The analytical results indicated that groundwater concentrations in MW-1 had all decreased to values below the laboratory detection limits.
- In a letter dated November 2, 2001, the SMS requested that the monitoring well be abandoned in accordance with state regulation (Water Supply Rule, Chapter 21, Section 12.3.5), as referred to in the SMS guideline document titled, "*Site Management Activity Completed (SMAC) Designation Procedure*".
- In a letter dated December 11, 2001, Mr. Daniel Voisin, Staff Geoscientist for Stone Environmental, Inc., confirmed that the onsite monitoring well had been properly abandoned.
- There were no identified sensitive receptors in the vicinity that could be affected by any residual contamination in the soil. The area is served by a municipal water system.
- No unacceptable risk to human health and the environment is present due to the residual contamination remaining in the ground from the contaminated soils encountered during the removal of one (1) 1,000 gallon waste oil UST at the Pizzagalli Construction Warehouse, in January of 1998.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation will not release the Pizzagalli Construction Warehouse from any past or future liability associated with the petroleum contamination at the site. It does, however, mean the SMS is not requesting any additional work in response to the UST removal from the Pizzagalli Construction Warehouse, in January of 1998.

Please feel free to call with any questions. I can be reached at (802) 241-3491.

Sincerely,

  
George Desch, Chief, P.E.  
Site Management Section

cc: DEC Regional Office  
Mr. Daniel Voisin, Stone Environmental Inc.